

# Pump SD SERIES ST SERIES

QUIET OPERATION AND EASY INSTALLATION  
For above-ground pools (SD Series) and portable spas (ST Series)



1. 1.5 inch suction and discharge ports
2. Asynchronous, two-pole motor
3. Class insulation: 130(B)
4. IPX5 Waterproof standard
5. Built-in thermal protection
6. External heat sink
7. Transparent lid (SD Series)
8. Available in 50Hz or 60Hz for 220V/110
9. Specially designed unions compatible for both Imperial and Metric standards
10. 316 stainless steel shaft
11. 316 stainless steel mechanical seal

**Pool & Spa Equipment**

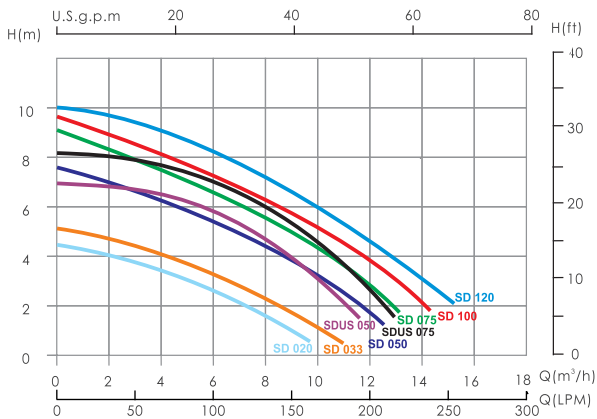
 **Emaux**  
water technology



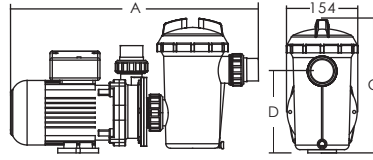
\* only ST Series Pump is SAA certified

[www.emauxgroup.com](http://www.emauxgroup.com)

# SD SERIES PUMP



Note: The performance curve above is for 50Hz models

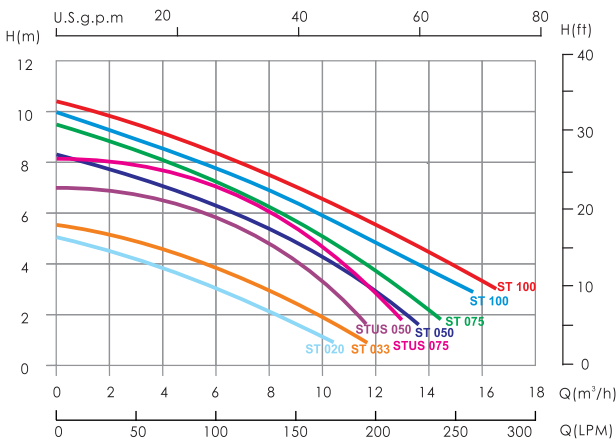


Model 50Hz	Input (kW)	Current (AMP)	Noise (dB)	Head (m)			
				2	4	6	8
Flow Rate (m <sup>3</sup> /h)							
SD020	0.28	1.5	55	7	2	--	--
SD033	0.43	2	55	8.4	4	--	--
SD050	0.60	2.5	60	11.5	9	4.6	--
SD075	0.75	3.5	60	13	10.2	7	2.8
SD100	0.90	4.7	65	14	10.8	8.6	4.4
SD120	0.97	5.8	65	15.2	13	10	6.4

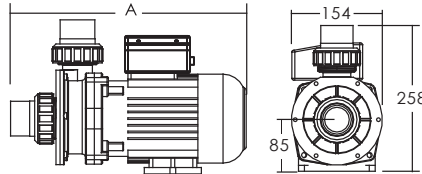
Note: SDUS050, SDUS075 are for US market only

Code 220V/50Hz	Code 110V/60Hz	Code 115V/60Hz	Model	Connection Size	Horsepower	Weight (kg)	Capacitance 220V	Capacitance 110V	Capacitance 115V	A mm	C mm	D mm
88022101	88022301	/	SD020	1.5" / 50mm	0.2hp	6.2	5μF	20μF	/	510	278	167
88022102	88022302	/	SD033	1.5" / 50mm	0.33hp	6.5	6μF	24μF	/	510	278	167
88022103	88022303	/	SD050	1.5" / 50mm	0.5hp	8.0	8μF	30μF	/	555	291	173
88022104	88022304	/	SD075	1.5" / 50mm	0.75hp	9.0	14μF	40μF	/	555	291	173
88022105	88022305	/	SD100	1.5" / 50mm	1.0hp	9.1	20μF	60μF	/	555	291	173
88022106	88022306	/	SD120	1.5" / 50mm	1.2hp	11.0	20μF	60μF	/	555	291	173
/	/	88020303	SDUS050	1.5" / 50mm	0.5hp	9.0	/	/	30μF	555	270	173
/	/	88020304	SDUS075	1.5" / 50mm	0.75hp	10.0	/	/	30μF	555	270	173

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Remark: The performance curve above is for 50Hz models



Model 50Hz	Input (kW)	Current (AMP)	Noise (dB)	Head (m)			
				2	4	6	8
Flow Rate (m <sup>3</sup> /h)							
ST020	0.28	1.5	55	8.2	3.2	--	--
ST033	0.43	2	55	9.8	5.2	--	--
ST050	0.55	2.5	60	13.2	10.3	6.6	1
ST075	0.75	3.5	60	14.4	11.3	8.6	4
ST100	0.90	4.7	65	17	13.6	9.8	5.1
ST120	0.97	5.8	65	18	14.8	11	6.8

Note: STUS050, STUS075 are for US market only

Code 220V/50Hz	Code 220V/60Hz	Code 110V/60Hz	Code 115V/60Hz	Model	Connection Size	Horsepower	Weight (kg)	Capacitance 220V	Capacitance 110V	Capacitance 115V	A mm
88023001	88023101	88023201	/	ST020	1.5" / 50mm	0.2hp	4.5	4μF	20μF	/	330
88023002	88023102	88023202	/	ST033	1.5" / 50mm	0.33hp	5.1	6μF	24μF	/	330
88023003	88023103	88023203	/	ST050	1.5" / 50mm	0.5hp	7.3	8μF	30μF	/	375
88023004	88023104	88023204	/	ST075	1.5" / 50mm	0.75hp	8.2	14μF	40μF	/	375
88023005	88023105	88023205	/	ST100	1.5" / 50mm	1.0hp	9.1	20μF	60μF	/	375
88023006	88023106	88023206	/	ST120	1.5" / 50mm	1.2hp	9.3	20μF	60μF	/	375
/	/	/	88020203	STUS050	1.5" / 50mm	0.5hp	9.0	/	/	30μF	375
/	/	/	88020204	STUS075	1.5" / 50mm	0.75hp	10.0	/	/	30μF	375

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